

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-087001	Application No. 10/026,064
<b>Information Disclosure Statement</b> by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Satoshi Seo et al.	
		Filing Date December 21, 2001	Group Art Unit 1774

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Application Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
Ch	AA	10/043,786	Pending	Seo et al.	—	—	01/10/2002
Ch	AB	10/081,971	Pending	Yamazaki et al.	—	—	02/20/2002
Ch	AC	10/072,310	Pending	Yamazaki et al.	—	—	02/05/2002
Ch	AD	10/060,427	Pending	Kanagawa et al.	—	—	01/29/2002
Ch	AE	10/062,005	Pending	Yamazaki et al.	—	—	01/31/2002
Ch	AF	10/043,812	Pending	Kanagawa et al.	—	—	01/10/2002
Ch	AG	10/081,558	Pending	Seo et al.	—	—	02/20/2002
Ch	AH	10/072,507	Pending	Seo et al.	—	—	02/05/2002
Ch	AI	09/852,090	Pending	Yamagata et al.	—	—	05/10/2001
Ch	AJ	10/024,699	Pending	Seo et al.	—	—	12/21/2001
Ch	AK	5,925,980	07/20/1999	So et al.	—	—	05/01/1997
Ch	AL	5,853,905	12/29/1998	So et al.	—	—	09/08/1997
Ch	AM	6,130,001	10/10/2000	Shi et al.	—	—	07/15/1997
Ch	AN	5,271,089	12/14/1993	Ozawa	—	—	11/04/1991
Ch	AO	6,285,039	09/04/2001	Kobori et al.	—	—	06/03/1998

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
Ch	AP	EP 1 065 737 A2	01/03/2001	Europe	—	—		
Ch	AQ	10-233288	09/02/1998	Japan	—	—	XX	
Ch	AR	2001-52870	02/23/2001	Japan	—	—	XX	
	AS				—	—		
	AT							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Ch	AU	C.W. Tang et al.: "Organic Electroluminescent Diodes"; <i>Applied Physics Letters</i> , Vol. 51, No. 12; pp. 913-915; September 21, 1987

Examiner Signature 	Date Considered 9/10/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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(37 CFR §1.98(b))

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Examiner Initial	Desig. ID	Document
cmh	AV	Yasunori Kijima et al.; "A Blue Organic Light Emitting Diode"; <i>Japan Journal of Applied Physics</i> , Vol. 38, pp. 5274-5277; September 1999
cmh	AW	C.W. Tang et al.; "Electroluminescence of Doped Organic Thin Films"; <i>Journal of Applied Physics</i> , Vol. 65, No. 9, pp. 3610-3616; May 1, 1989
cmh	AX	Chihaya Adachi et al.; "Electroluminescence in Organic Films with Three-Layer Structure"; <i>Japanese Journal of Applied Physics</i> , Vol. 27, No. 2, pp. L269-L271; February 1988
cmh	AY	Tetsuo Tsutsui et al.; "New Aspect of Research and Development of Organic EL"; <i>M&amp;BE Seminar (M&amp;BE)</i> , Vol. 11, No. 1; pp. 3-12 with translation; 2000
cmh	AZ	Takeo Wakimoto et al.; "Organic EL Cells Using Alkaline Metal Compounds as Electron Injection Materials"; <i>IEEE Transactions on Electron Devices</i> , Vol. 44, No. 8, pp. 1245-1248; August 1998
cmh	AAA	S.A. Van Slyke et al.; "Organic Electroluminescent Devices with Improved Stability"; <i>Applied Physics Letter</i> , Vol. 69, No. 15, pp. 2160-2162; October 7, 1996
cmh	ABB	D.F. O'Brien et al.; "Improved Energy Transfer in Electrophosphorescent Devices"; <i>Applied Physics Letter</i> , Vol. 74, No. 3, pp. 442-444; January 18, 1999
cmh	ACC	Tetsuo Tsutsui et al.; "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center"; <i>Japan Journal of Applied Physics</i> , Vol. 38, Part 2, No. 12B; pp. L1502-L1504; December 15, 1999
cmh	ADD	Tetsuo Tsutsui; "The Operation Mechanism and the Light Emission Efficiency of the Organic EL Element"; <i>Test of the Third Lecture Meeting; Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics</i> ; pp. 31-37 w/translation; 1993
cmh	AEE	Junji Kido et al.; "Multilayer White Light-Emitting Organic Electroluminescent Device"; <i>Science</i> , Vol. 267, pp. 1332-1334; March 3, 1995

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## U.S. Patent Documents

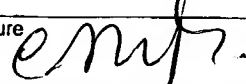
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Ch	AA	3,654,525	04/1972	Maricle et al.	361	500	
Ch	AB	5,017,863	05/1991	Mellitz	324	751	
Ch	AC	5,039,657	08/1991	Goldman, et al.	505	330	
Ch	AD	5,170,990	12/1992	Kamiya et al.	251	210	
Ch	AE	5,256,945	10/1993	Imai et al.	428	690	
Ch	AF	5,281,489	01/25/94	Mori et al.	428	690	
Ch	AG	5,486,406	01/1996	Song Shi	428	209	
Ch	AH	5,513,499	05/1996	DeRijkke	62	85.5	
Ch	AI	5,817,431	10/1998	Shi et al.	428	690	
Ch	AJ	5,858,563	01/1999	Sano et al.	428	690	
Ch	AK	5,925,472	07/1999	Hu et al.	428	690	
Ch	AL	5,955,836	09/1999	Boerner et al.	313	506	
Ch	AM	5,989,737	11/1999	Xie et al.	428	690	
Ch	AN	6,121,727	09/2000	Kanai et al.	313	504	
Ch	AO	6,132,280	10/2000	Tanaba et al.	445	58	
Ch	AP	6,215,462	04/2001	Yamada et al.	345	76	
Ch	AQ	6,228,228	05/2001	Singh et al.	204	1921	
Ch	AR	6,237,529	05/2001	Spahn	118	726	
Ch	AS	6,275,649	08/2001	Nagashima et al.	392	389	
Ch	AT	6,284,050	09/2001	Shi et al.	118	715	
Ch	AU	6,310,360	10/2001	Forrest et al.	257	40	
Ch	AV	6,326,091	12/2001	Schoo et al.	428	690	
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Ch	BA	6,413,656	07/2002	Thompson et al.	428	690	

Examiner Signature <i>Ch</i>	Date Considered 9/10/04
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CH	BD	6,468,676	10/2002	Ueda et al.	428	690	
CH	BE	6,495,198	12/2002	Peng	421	66	
CH	BF	6,517,996	02/2003	Chao et al.	430	221	
CH	BG	6,541,909	04/2003	Motomatsu	313	504	
CH	BH	6,566,807	05/2003	Fujita et al.	313	506	
CH	BI	6,603,140	08/2003	Kobori et al.	251	40	
CH	BJ	6,614,175	09/2003	Aziz et al.	313	504	
CH	BK	2002-0018912 A1	02/2002	Jung et al.	—	—	
CH	BL	2002-0038867 A1	04/2002	Kobori et al.	—	—	
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CH	BN	2002-0086180 A1	07/2002	Seo et al.	—	—	
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CH	BP	2003-0134145 A1	07/2003	Toguchi et al.	—	—	
	BQ						

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							Yes	No
CH	BR	CH - 366598	08/1999	CHINA	—	—	ABSTRACT	
CH	BS	EP 1 011 155 A2	06/2000	EUROPE	—	—	ENGLISH	
CH	BT	EP 1 220 340	07/03/02	EUROPE	—	—	ENGLISH	
CH	BU	JP 03-114197	05/1991	JAPAN	—	—	ABSTRACT	
CH	BV	JP 2000-208262	07/2000	JAPAN	—	—	FULL	
CH	BW	JP 2001-023776	01/2001	JAPAN	—	—	ABSTRACT	
CH	BX	TW 451601	08/2001	TAIWAN	—	—	ABSTRACT	
CH	BY	WO 02/47457	06/20/02	WIPO	—	—	ENGLISH	

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							Yes	No
um	BZ	WO 98/08360	02/1998	WIPO	—	—	ABSTRACT	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
um	CA	Takeshi Nishi et al., "High Efficiency TFT-OLED Display with Iridium-Complex As Triplet Emissive Center", <i>Proceedings of the 10th International Workshop on Inorganic and Organic Electroluminescence</i> , pp. 353-356, December 4-7, 2000
	CB	
	CC	
	CD	

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